

CLAIMS

1. Method in a multi-tone transmission system wherein a usable
5 frequency range of a channel is separated into a plurality of
frequency bands, an analogue signal in each sub band being
filtered out by a plurality of band pass filters at a receiving
side,

c h a r a c t e r i z e d b y

10 converting separately the analogue signal in each sub band into a
digital signal in a plurality of analogue-digital converters, each
analogue-digital converter being associated to one sub band, and
activating and deactivating each analogue-digital converter in
dependence of the presence of a signal in the associated sub band.

15 2. Method as claimed in claim 1,
further including the step of processing separately each digital
signal in each subband in a signal processing unit (14).

20 3. Method as claimed in claim 2,
further including the step of detecting presence of a signal in
the associated sub band in said signal processing unit (14).

25 4. A device in a multi-tone transmission system, wherein a
plurality of bandpass filters (10) is operatively connected to an
analogue line (12) at a receiving side, so as to separate a
usable frequency range of a channel into a plurality of
frequency bands,

c h a r a c t e r i z e d i n

30 that each bandpass filter is operatively connected to an
Analogue-Digital converter (11) for converting an analogue
signal into a digital signal, each Analogue-Digital converter
being associated to one sub band, and

that, a control unit (13) is operatively connected to each of said Analogue-Digital converters (11) for activating and deactivating each converter in dependence of the presence of a signal in the associated sub band.

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5. A device as claimed in claim 4,
wherein a signal processing entity (15) is provided for each digital signal.

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6. A device as claimed in claim 4,
wherein a single signal processing unit (14) is provided for said digital signals.

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7. A device as claimed in claim 4,
wherein said signal processing unit (14) is operatively connected to manually operated means (17) for receiving control information for said Analogue-Digital converters (11).

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